



OMB No. 0651-0011

**INFORMATION  
DISCLOSURE  
STATEMENT**

Atty. Docket No.: 56754US002

Serial No.: 10/017,632

Applicant(s): Jonathan Hester, Brian E. Spiewak, David R. Holm, Jerald W. Hall, Jr., Seth M. Kirk, Moses M. David, and Brinda Lakshmi

Filing Date: December 14, 2001

Group: 1771

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
th	3,432,585	03/11/1969	E.R. Watson et al.			
	3,586,220	06/22/1971	Reinsberg			
	3,971,373	07/27/1976	Braun			
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	5,134,174	07/28/1992	Xu et al.			
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**FOREIGN PATENT DOCUMENTS**

Document Number	Date of Publication	Country	Class	SubClass	Translation
					Yes No

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

EXAMINER

Hui V

Date Considered

03/19/04

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Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date if Appropriate
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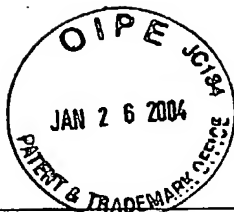
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						Yes	No
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	WO 00/43579	07/27/2000	PCT				
	WO 00/68301	11/16/2000	PCT				
	WO 00/71789	11/30/2000	PCT				
	WO 01/21693	03/29/2001	PCT				
	WO 97/44508	11/27/1997	PCT				
HV	WO 98/20185	05/14/1998	PCT				

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

<b>EXAMINER</b> Hzi V	<b>Date Considered</b> 03/19/04
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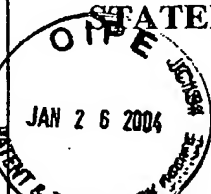


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<b>U.S. PATENT DOCUMENTS</b>					
<b>Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class SubClass Filing Date if Appropriate</b>
<b>FOREIGN PATENT DOCUMENTS</b>					
		<b>Document Number</b>	<b>Date of Publication</b>	<b>Country</b>	<b>Class SubClass Translation</b>
					<b>Yes No</b>
HV		WO 99/65542	12/23/1999	PCT	
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		E. Casey et al., "Review of Membrane Aerated Biofilm Reactors," Resources, Conservation and Recycling 27 (1999) 203-215.			
		Tariq Ahmed et al., "The Use of Independently Sealed Microporous Hollow Fiber Membranes for Oxygenation of Water: Model Development," Journal of Membrane Science, 69 (1992) 11-20.			
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<b>EXAMINER</b>  Hai V.			<b>Date Considered</b>  03/19/04		
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U.S. APPLICATIONS		DO NOT PUBLISH
Examiner Initial		
HN	Serial No. 09/519,449, Diamond-Like Glass Thin Films.	
HN	Serial No. 09/758,764, Self-Mating Reclosable Mechanical Fastener and Binding Strap.	
HN	Serial No. 09/385,265, Capillary Collapse Resistant Microporous Material and Method.	
HN	Serial No. 10/023,267, Plasma Treatment of Porous Materials.	

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